SONY

GRT100

VAIO

Sony VAIO® GRT-Series Notebook BTO Models

Cutting-edge **DVD±RW** drive available!

Portable Digital workhorse.

EASILY BURN DVDs![11]
Easily turn home movies into DVDs with DVD±RW / CD-RW drive and Sony's exclusive Click to DVD™ software (Selected models only)

ENJOY PICTURES!
Create your own digital photo album with Sony's exclusive PictureGear Studio™ software.

FEATURES

- Mobile Intel® Pentium® 4 processor -M or Intel® Pentium® 4 processor .
- Configurable TFT display.
- Configurable Optical Drive.
- Configurable Integrated wireless LAN[6].
- Memory Stick® media slot[12] allows you to tie together so many aspects of the digital world!

Sony Exclusive **MULTIMEDIA DIGITAL EDITING** software package!

SPECIFICATIONS

Model
PCG-GRT100 series, BTO configurations
Processor (Configurable)
Intel® Pentium® 4 processor 2.4, 2.66 or 2.8GHz[1]
Mobile Intel® Pentium® 4 processor 2.0, 2.2 or 2.5GHz[1] -M
Cache Memory
512 KB integrated on-die level 2
Bus Speed
400 MHz (Mobile Pentium® 4 processor -M models)
533 MHz (Pentium® 4 processor models)
LCD (Configurable)
16.1" UXGA+ (1600x1200) TFT display,
15.0" SXGA+ (1400x1050) TFT display,
15.0" XGA (1024x768) TFT display or
14.1" XGA (1024x768) TFT display
Video and Graphics
NVIDIA® GeForce4™ FX Go 5600 64 MB video DDR SGRAM (16.1" LCD Models)
NVIDIA® GeForce4™ 420 Go 32MB video DDR SGRAM (15.0" and 14.1" LCD Models)
Memory (Configurable)
256 MB (256x1), 512 MB (512x1), 512 MB(256x2) or 1024MB (512x2) DDR SDRAM, maximum 1024 MB
Hard Drive (Configurable)
40, 60 or 80 GB[2] hard drive[13]
Optical Drive (Configurable)
Internal removable DVD±RW / CD-RW drive[11]
(CD-R-write 16x; CD-RW-write 8x; DVD-read 5x; CD/CD-RW read 24x; DVD-R/RW write 1x; DVD-R/RW read 2x; DVD+R/+RW write 2x; DVD+R/RW read 2x) or CD-RW / DVD combo drive (CD-R-write 24x; CD-RW-write 10x; DVD-read 8x; CD read 24x; CD-RW read 12x; DVD-R/RW read 4x)
Optional Floppy Drive
External 1.44 MB, 3.5" USB floppy drive (PCGA-UFD5)
Hot-Swappable Multi-Bay
For supplied optical drive or optional second battery
Modem
Integrated V.90 modem
Ethernet
10BASE-T/100BASE-TX Ethernet with RJ-45 interface
Integrated Wireless LAN (Configurable)
IEEE 802.11b
Bus/Interface: mini PCI
Radio frequency band: 2.4GHz (ISM band)
Memory Stick® Media Slot[12]
Supports optional Memory Stick® media
Pointing Device / Keyboard
Electro-static touch pad
QWERTY, 86 keys with 3mm stroke and 19mm pitch
Magnify button
Estimated Battery Life[4]
Lithium-ion battery, supports dual battery operation
1.0-1.5 hours with one battery[4] with Pentium® 4 processor 2.8Ghz[4] and 15.0" LCD
PC Card Slots
2 type I/type II cards, or 1 type III card, CardBus support
Audio
Built-in stereo speakers; monaural mini-jack microphone
Other Interfaces
RJ-11 modem jack, i.LINK® (IEEE 1394) interface[3], 3 USB 2.0, AV out (mini-jack), RJ-45 Ethernet, Memory Stick® media slot[12], VGA output, parallel, headphone (stereo), monaural mini-jack microphone, port replicator connection
Optional Port Replicator (PCGA-PRGT1)
DC in, 2 USB, RJ-45 Ethernet, VGA output, PS/2® keyboard and mouse, serial, parallel, S-video out, Line-in (RCA pin), Line-out (RCA pin), Video out (RCA pin), Optical out
Power Requirements
135 watts maximum ±10% (19.5V / AC100-240V)
Energy Star® compliant
Advanced power management - APM-ACPI compatible
Size (H x W x D)
1.8"-1.9" X 14.1" X 11.9" (16.1" LCD models)
1.7"-2.0" X 12.9" X 10.7" (15.0" and 14.1" LCD models)
Approximate Weight
8.2 lbs.with one battery (16.1" LCD models)
8.6 lbs. with battery and optical drive (16.1" LCD models)
7.5 lbs.with one battery (15.0" LCD models)
8.0 lbs. with battery and optical drive (15.0" LCD models)
Supplied Accessories
Lithium-ion battery, power cord, AC adapter and weight saver
Optional Accessories
External USB floppy disk drive (PCGA-UFD5)
Additional battery (PCGA-BP2NX)
USB mouse(PCGA-UMS5), USB mobile mouse(PCG-UMS3/V)
Carrying case (PCGA-CCGX)
Notebook Sport backpack (PCGA-CCP2)
Neoprene Notebook & Adapter Case (PCGA-CCN3)
Additional AC adapter (PCGA-AC19V7)
Port Replicator (PCGA-PRGT1)
802.11b Wireless LAN Pro router access point (PCWA-A200)
802.11b Wireless LAN access point (PCWA-A220)
802.11a Wireless LAN router access point (PCWA-A500)
802.11a Wireless LAN PC card (PCWA-C500)
USB Visual Communication Camera (PCGA-UVC10)[14]
External Speakers (PCGA-SP1)
USB Bluetooth™ adapter (PCGA-BA1/A)[14]
Service and Warranty Information
One year limited Express Service[5] (Certain restrictions apply.)
One year limited parts and labor[5]
Telephone Support[5]: One year hardware and 90 days software and operating system from purchase date
Operating System (Configurable)
Microsoft® Windows® XP Home Edition,
Microsoft® Windows® XP Professional or
Microsoft® Windows® 2000 Professional
Productivity Software
Microsoft® Money 2003 Standard[8]
Microsoft® Works
Microsoft® Encarta® Online[9]
Easy Systems Drag'n Drop CD+DVD (DVD±RW models only)
Easy Systems Drag'n Drop CD (Requires Windows 2000 and CD-RW / DVD Combo drive models)
Video Software
Sony Click to DVD™ (Requires Windows XP and DVD±RW models)
Sony DVgate™ Plus [14]
Sony DVgate™ [15]
Adobe® Premiere® LE [14]
InterVideo® WinDVD® 4 for VAIO® PC
Music Software
Sony SonicStage™ with MP3 encoder[14]
Sony SonicStage™ [15]
Sony SonicStage™ Mastering Studio [14]
Screenblast™ ACID [14]
Photo Software
Adobe® Photoshop® Elements[14]
Sony PictureGear Studio™
Sony Network Smart Capture
Communication
VAIO Media™ software[14]
Microsoft® MSN® 8.0[7] and America Online®[7]
Gaming
Microsoft® Age of Empires® 2
Virus, Tools, and Support Software
Symantec® Norton Internet Security™ 2003 Trial[7]
VAIO Support Agent

1 GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2 GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.
3 i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
4 Estimated battery life. Actual battery life may vary on usage.
5 From date of purchase.
6 Wireless LAN access point sold separately. Sony cannot fully guarantee the security of wireless communications.
7 Requires fees for use.
8 Certain features are time limited.
9 Limited duration trial subscription to Microsoft's current online version. Internet access required; additional fees (including telephone/long distance charges) may apply also.
10 Camcorder and i.LINK cable sold separately.
11 DVD+/-R and DVD+/-RW discs recorded on this drive will playback in most consumer DVD players and computer DVD-ROM drives.
12 Supports Memory Stick Pro high-capacity media, but does not support high-speed media capability.
13 5GB of hard disk space is reserved as a recovery partition
14 Windows XP models only
15 Windows 2000 Professional models only

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Preinstalled software may not be identical to retail versions or have all documentation.

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Sony recommends Microsoft® Windows® XP.